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December 15, 2003

ATTORNEY DOCKET NO. 8350.9792-01  
CUSTOMER NO. 22,852

**Mail Stop Patent Application**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**



New U.S. Patent Application  
Title: METHOD FOR ESTIMATING FUEL  
INJECTOR PERFORMANCE  
Inventors: Salim A. JALIWALA, Michael S. LUKICH  
Scott R SCHURICHT and Rammohan SANKAR

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- twenty-nine (29) pages, including three (3) independent claims and twenty (20) claims total.
2. Drawings- eight (8) sheets of formal drawings (Figs. 1,2, 3, 3a, 4, 4a, 5 and 6).
3. Fully executed Declaration and Power of Attorney document (2 pages).
4. Recordation Form Cover Sheet and fully executed Assignment document to Caterpillar, Inc. (4 pages).
5. The filing fee is calculated as follows:

Basic Application Filing Fee					\$770	\$ 770.00
	Number of Claims		Basic	Extra Claims		
Total Claims	20	-	20	0	x \$18	0
Independent Claims	3	-	3	0	x \$86	0
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$290	0
Subtotal						\$ 770.00
Reduction by 1/2 if small entity						- 0
TOTAL APPLICATION FILING FEE						\$ 770.00

6. A check for \$810.00 is enclosed. The fees include:

- \$770.00 filing fee; and
- \$40.00 Assignment recordation fee.

This application is a continuation-in-part of prior Application No. 10/329,984, filed December 27, 2002. This application is being filed under the provisions of 37 C.F.R. § 1.53(b).

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, D.C. 20005-3315

Please accord this application an application number and filing date and record and return the Assignment to the undersigned.

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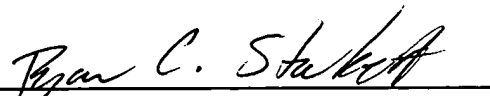
FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER <sup>LLP</sup>

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By: \_\_\_\_\_

  
Ryan C. Stockett  
Reg. No. 53,642

CPI/RYS/blf  
Enclosures